

# Mississippi Gulf Coast Region Utility Act

- Signed by Governor April, 2006
- "Need for consolidation of water, wastewater, and storm water services"
  - Reduce costs
  - Promote resilience
  - Improve quality of natural environment
  - Improve planning and delivery of water, wastewater, and storm water services

# Mississippi Gulf Coast Region Utility Act

- Gulf Coast Region includes Pearl River,
   Stone, George, Hancock, Harrison, and
   Jackson counties
- Created six county utility authorities
- George county opted not to form
- Created Gulf Region Utility Board

## County Utility Authorities Role

 Planning, acquisition, construction, maintenance, operation and coordination of water, wastewater, and storm water services within their boundaries

# County Utility Authorities' Powers

- Acquire, construct, improve, operate and maintain systems
- Make contracts and enter into operating agreements
- Establish and maintain rates, fees, charges for use of systems within their control
- Promulgation of rules and regulations

## County Utility Authority Board of Directors

- Membership varies from county to county
  - Appointed by municipalities/board of supervisors
  - Chairmen from utility districts

#### Gulf Coast Region Utility Board

- Membership
  - Presidents of each of the county utility authorities
  - Three members appointed by the governor

### Gulf Coast Region Utility Board

#### Utility Board Role

 "forum to collaborate and cooperate regarding water, wastewater, and storm water issues"

#### Utility Board Responsibilities

- Make recommendations to CUAs on water, wastewater, and storm water issues
- Recommendations on uniformity and compatibility of systems
- Help resolve cross-jurisdictional and multi-county disputes
- Recommend priorities, emergency preparedness, training standards

## Start-up Issues of County Utility Authorities

- Lack of funding, resources
- Acceptance
- Development of rules and regulations
- Providing input into development of Gulf Region Water and Wastewater Plan

## Gulf Region Water and Wastewater Plan

- Draft Plan completed October, 2006
- Three public meetings on draft plan in Nov. 2006
  - Cities not receiving enough of funds
  - Hancock County not able to address complementary infrastructure needed due to severe devastation
- Draft Plan modified to add
  - \$55 million for municipal infrastructure projects
  - \$47 million for Hancock County
  - \$26 million in additional regional infrastructure
- Plan finalized January, 2007
- HUD approval April, 2007

#### Summary of Projects

- 62 projects recommended for funding
- Water projects \$242.7 million
- Wastewater projects \$332.9 million
- Storm Water projects \$7.5 million

#### Initial Considerations

- Distance to Wetlands
- Type & Size of Wetland
- Landowner Issues
- Industrial Discharges
- Effectiveness

### Preliminary Feasibility Anaylsis

- Identification of Potential Site
- Regulatory Issues (State, Federal & Local)
- Landowner Issues
- Initial Loading Rate Analysis
- Monitoring Requirements & Costs
- Engineering Costs

## Monitoring Considerations

- Must Establish Ecological Baseline
  - Vegitation
  - Soil & Water Chemistry
  - Hydrology
  - Toxins
- Assess Probable Response to discharge
- Monitoring Design
  - Demo Health of Wetland System
  - Determine Removal Rates (Nutrinets & Solids)
  - Effects on Downstream Surface Waters

## Design & Construction Considerations

- Degree of Treatment to Assure no Harm to the Wetland
- Distribution of Wastewater into the Wetland
- Access for Monitoring

#### Other Issues

- Benefits to the Wetland
- Potential Wetland Mitigation
- Carbon Sequestration
- State & Federal Regulations & Policies



## Recommended CDBG Disaster Recovery Funding



### GMPO Support

- Start up Funding
- Technical Support
- Decentralized Wastewater Workshop
- Wastewater to Wetlands
  - Coordination with Region 4 & Louisiana
  - Wetlands Tour
  - Followup
- Planning A Workshop for Developers
- Pilot Projects to Demonstrate Effectiveness





